Sup	plemental Table S1: Fit	Indice	s for	Each o	of the	Нурс	thesiz	zed M	lodels													
Model Number	Hypothesized Factors	A. Anger	B. Anxiety	C. Depression	D. Social Isolation	E. Sleep Disturbance	F. Fatigue	G. Ability to Participate SRA	H. Satisfaction with SRA	I. Emotional Support	J. Informational Support	K. Feelings of Loss-Self	L. Feelings of Loss-Person with TBI	M. Feeling Trapped	N. Caregiver-Specific Anxiety	O. Caregiver Strain	RMSEA (≤.08)	CFI (≥.95)	T⊔ (≥.95)	CMIN/DF (≤3)	Absolute AIC (< better)	Baseline (Mode 1) - Model AIC (≥ 3 clinically meaningful)
1	One-Factor HRQOL (Baseline Model)	•	•	•	•	•		•	•	•	•			•	•	•	0.13	0.91	0.88	9.90	663.70	0
2	HRQOL	•	•	•	•	•	•	•	•			•	•	•	•	•	0.11	0.02	0.00	7.56	707.40	42.70
	Social									•	•						0.11	0.92	0.90	7.56	707.40	43.70
3	HRQOL, Social	•	•	•	•	•	•	•	•	•	•											
	Emotional Health (Feeling Loss, Trapped, Caregiver Anxiety and Strain)							Š		>		•	•	•	•	•	0.08	0.95	0.94	4.84	470.03	-193.67
4	Generic HRQOL	•	•	•	•	•)•	•													
	Emotional Health (Feeling Loss, Trapped, Caregiver Anxiety and Strain))					•	•	•	•	•	0.10	0.94	0.92	5.93	570.09	-93.61
<u> </u>	Social Health									•	•											
5	Emotional Health (Negative Affect, Feeling Loss, Trapped and Strain)	•	•	•								•	•	•	•	•	0.09	0.95	0.94	5.06	487.66	-176.04
	Social Participation and Support				•			•	•	•	•											
	Physical Health					•	•															
6	Emotional Health (Negative Affect,	•	•	•								•	•	•	•	•	0.10	0.93	0.91	6.80	623.87	-39.83

	Feeling Loss, Trapped																					
	and Strain)				-																	
	Social Participation				•			•	•													
	(with isolation)																					
	Physical Health					•	•															
	Social Health									•	•											
7	Emotional Health																					
	(Negative Affect,	•	•	•								•	•		•	•						
	Feeling Loss and																					
	Strain)																0.09	0.94	0.92	5.76	544.45	-119.25
	Social Participation																					
	and Support (with				•			•	•	•	•											
	isolation)			1																		
	Physical Health				-	•	•															
8	Emotional Health												2									
	(Negative Affect,	•	•	•								•	•		•	•						
	Feeling Loss and																		0.88		753.68	
	Strain)																					
	Social Health								1	•	•						0.12	0.91		8.26		89.98
	Social Participation								0													
	(Feeling Trapped and				•			•						•								
	Isolation)							2														
	Physical Health					•	•															
9	Emotional Health						((
	(Negative Affect,	•	•	•								•	•		•	•						
	Feeling Loss and																					
	Strain)																0.00	0.05	0.02	F 43	474 50	100.20
	Social Health									•	•						0.09	0.95	0.93	5.13	474.50	-189.20
	Social Participation							•	•													
	Social Isolation				•									•								
	Physical Health					•	•															
10	Negative Affect	•	•	•																		
	Social Health									•	•											
	Social Participation							•	•													
	Social Isolation				•									•			0.07	0.97	0.96	3.64	361.29	-302.41
	Physical Health				1	•	•															
	Caregiver-Specific				1							_										
	Emotional Health											•	•		•	•	,					

11	Negative Affect	•	•	•																			
	Social Participation							_	_	_	_												
	and Support							•	•	•	•												
	Social Isolation				•									•			0.07	0.97	0.96	3.62	366.61	-297.09	
	Physical Health					•	•																
	Caregiver-Specific											•	•		•	•							
	Emotional Health																						
12	Emotional Health																						
	(Negative Affect,	•	•	•	•								•	•		•	•						
	Feeling Loss and													C									
	Strain)																0.09	0.95	0.94	5.07	482.34	-181.36	
	Social Participation							•	•	•	•			\bigcirc								-181.30	
	and Support Social Isolation				•								1	•									
	Physical Health				•	•	•							•									
13	Emotional Health					•	•																
13	(Negative Affect,										(0									670.65	6.95	
	Feeling Loss and	•	•	•								•	•		•	•				7.52			
	Strain)																						
	Social Participation							•	•								0.11	0.92	0.87				
	Social Isolation				•					7				•									
	Physical Health					•	•																
	Social Health									•	•												
14	Emotional Health																						
	(Negative Affect and	•	•	•											•	•							
	Caregiver Strain)																						
	Social Participation									•	•												
	and Support							•	•	•	•						0.11	0.93	0.90	7.19	644.44	-19.26	
	Social Isolation				•									•									
	Physical Health					•	•																
	eelings of Loss (Self											•	•										
	and Other)																						
15	Emotional Health (Negative Affect and																						
		•	•	•											•	•							
	Caregiver Strain)					1	1											U 03	0.90	7.37	637.22	-26.48	
	Social Participation							•	•								0.11	11 0.93 0.9	0.50	1.51	037.22	-26.48	
	Social Isolation				•									•									
	Physical Health					•	•																

	Feelings of Loss (Self											_	_									
	and Other)											•	•									
	Social Health									•	•											
16	Emotional Health (Negative Affect, Health, Feeling Trapped and Caregiver-Specific Emotion)	•	•	•	•	•	•					•	•	•	•	•	0.10	0.94	0.92	5.93	562.42	-101.28
	Social Participation and Support							•	•	•	•			K								
17	Emotional Health (Negative Affect, Health, Feeling Trapped and Caregiver-Specific Emotion)	•	•	•	•	•	•				50			•	•	•	0.10	0.94	0.92	6.02	569.96	-93.74
	Social Participation							•	•													
	Social Health									•	•											<u> </u>
18	Anxiety (General and Caregiver Specific)		•						~?)					•			0.92	0.89			34.15
	Social Participation and Support							•		•	•											
	Social Isolation				•									•			0.11			7.95	697.85	
	Physical Health					•	•									0	0.11	0.92	0.69	7.95	097.65	34.13
	Emotional Health (Anger, Depression Feelings of Loss Self / Other and Strain)	•		•								•	•			•	-					
19	Anxiety (General and Caregiver Specific)		•												•							
	Social Participation							•	•													
	Social Isolation				•									•								
	Physical Health					•	•										0.11	0.94	0.90	7.02	596.13	-67.57
	Emotional Health (Anger, Depression Feelings of Loss Self / Other and Strain)	•		•								•	•			•	0.11				223.23	

Social Health									•	•						
indicatos which moasuron	aant c	lomai	nc wo	ro inc	Indod	in oa	ch hyr	othor	izod f	actor						

indicates which measurement domains were included in each hypothesized factor